

QM-Height

Series 518

This is a high precision ABSOLUTE Digital Height Gauge that offers you the following benefits:

- It has a high accuracy, high resolution ABSOLUTE linear encoder for position detection.
- Types with and without pneumatic drive mechanism.
- Automatic running of prelearnt part programs.
- You can easily implement frequently used measurements, such as inside/outside diameter and pitch calculations, by icon-based commands that also support easy one-key operation.
- Extraordinary battery life.
- GO/±NG judgement is performed by setting the upper and lower tolerances.

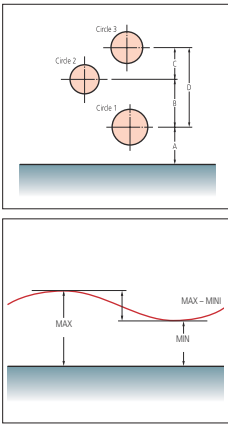
ABSOLUTE®



518-244



518-246



Metric

No.	Range	Digital step	Accuracy	Perpendicularity	Repeatability	Air floating	Mass [kg]
518-240	0-350 mm	0,001 mm/0,005 mm	$\pm(2,4+2,1L/600) \mu\text{m}$ L = Measuring length (mm)	7 μm	$(2\sigma) \leq 1,8 \mu\text{m}$	no	25
518-242	0-600 mm	0,001 mm/0,005 mm	$\pm(2,4+2,1L/600) \mu\text{m}$ L = Measuring length (mm)	12 μm	$(2\sigma) \leq 1,8 \mu\text{m}$	no	26
518-244	0-350 mm	0,001 mm/0,005 mm	$\pm(2,4+2,1L/600) \mu\text{m}$ L = Measuring length (mm)	7 μm	$(2\sigma) \leq 1,8 \mu\text{m}$	yes	29
518-246	0-600 mm	0,001 mm/0,005 mm	$\pm(2,4+2,1L/600) \mu\text{m}$ L = Measuring length (mm)	12 μm	$(2\sigma) \leq 1,8 \mu\text{m}$	yes	30



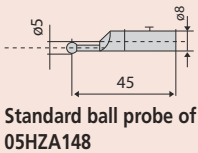
Specifications	
Measuring force	1,5 ± 0,5 N
Scale	ABSOLUTE electromagnetic inductive
Display	TN monochrome LCD
Measuring function	1D measurement: height diameter, pitch, Max/Min/TIR (Max-Min), tolerance, preset, data memory
Drive method	Manual
Guiding method	Roller bearing
Power supply	Alkaline battery size AA LR6 (4 pcs.), rechargeable battery size AA Ni-MH (4 pcs.), AC-Adapter (optional)
Battery life	Approx. 1200 h (without air floating) approx. 90 h (with air floating)

Standard accessories

No.	Description
011037	Battery, LR6, 1,5V, 4 pcs.
12AAA715	Setting Block for Height Gauge, Probe Calibration
05HZA148	Ball Offset Probe QM-Height, D=5mm, Standard Accessory



05HZA148



Standard ball probe of 05HZA148



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